



# RF



## ORANGE COUNTY AMATEUR RADIO CLUB

P.O. BOX 95, ORANGE, CALIF. 92668

QST DE W1AW  
HR ARRL BULLETIN NR 122  
FROM ARRL HEADQUARTERS NEWINGTON CT  
DECEMBER 6, 1979

TO ALL RADIO AMATEURS

THE WORLD ADMINISTRATIVE RADIO CONFERENCE, MEETING SINCE LATE SEPTEMBER IN GENEVA, HAS NOW FINISHED ITS WORK, WITH FAVORABLE RESULTS FOR AMATEUR RADIO. IN THE BANDS BELOW 30 MHZ, ALL PRESENT ALLOCATIONS ARE RETAINED AND THERE WILL BE THREE NEW WORLD WIDE BANDS. THEY ARE 10.100 TO 10.150, 18.068 TO 18.168 AND 24.890 TO 24.990 MHZ. IN THE 10 MHZ BAND, AMATEURS WILL BE ALLOWED TO OPERATE IF THEY DO NOT CAUSE HARMFUL INTERFERENCE TO FIXED SERVICE STATIONS OPERATING IN THE BAND. AMATEURS MAY BE PERMITTED IN THIS SHARED BAND AS EARLY AS JANUARY 1, 1982. THE 18 AND 24 MHZ BANDS WILL BE EXCLUSIVE, BUT BEFORE AMATEURS MAY OPERATE HERE THE EXISTING FIXED SERVICE STATIONS MUST BE MOVED TO NEW ASSIGNMENTS ELSEWHERE IN THE SPECTRUM.

THIS TRANSITION WILL OCCUR BETWEEN JULY 1, 1984, AND JULY 1, 1989. AMATEUR OPERATIONS WILL LIKELY BE ALLOWED TO COMMENCE SOMETIME DURING THAT PERIOD. IN MOST OF NORTH AND SOUTH AMERICA, INCLUDING THE U.S. AND CANADA, AMATEURS WILL ENJOY EXCLUSIVE USE OF THE BANDS 1.800 TO 1.850 AND 3.500 TO 3.750 MHZ, WHICH ARE PRESENTLY SHARED WITH OTHER SERVICES. IN BOTH CASES, THE REMAINDER OF THE BAND CONTINUES TO BE AVAILABLE ON THE PRESENT SHARED BASIS. THERE WERE NO CHANGES TO THE ALLOCATIONS AT 7.000 TO 7.300 MHZ. AMATEURS IN REGION 1 WILL HAVE A NEW NARROW, EXCLUSIVE ALLOCATION IN THE 1.8 MHZ BAND, 1.810 TO 1.850 MHZ IN MOST COUNTRIES AND 1.830 TO 1.850 MHZ IN OTHERS.

ABOVE 30 MHZ THE AMATEUR AND AMATEUR SATELLITE SERVICES ALSO DID WELL. SEVERAL NEW AMATEUR SATELLITE ALLOCATIONS WERE MADE BETWEEN 1260 MHZ AND 10.5 GHZ, ALL ON THE CONDITION THAT HARMFUL INTERFERENCE IS NOT CAUSED TO OTHER SERVICES. THEY ARE 1260 TO 1270 MHZ, UPLINK ONLY, 2400 TO 2450 MHZ, 3400 TO 3410 MHZ, LIMITED TO REGIONS 2 AND 3, 5650 TO 5670 MHZ, UPLINK ONLY, 5840 TO 5850 MHZ, DOWNLINK ONLY, AND 10.45 TO 10.5 GHZ. FOR THE AMATEUR SERVICE IN REGION 2, A NEW SECONDARY, SHARED ALLOCATION WAS MADE AT 902 TO 928 MHZ.

THE BAND SEGMENT 1215 TO 1240 MHZ WAS WITHDRAWN FROM THE AMATEUR SERVICE TO PROTECT A NEW RADIO NAVIGATION SATELLITE SYSTEM FROM INTERFERENCE. NO OTHER CHANGES IN PRESENT ALLOCATIONS ABOVE 30 MHZ SHOULD AFFECT U.S. AMATEURS. SEVERAL NEW AMATEUR AND AMATEUR SATELLITE BANDS WERE DESIGNATED IN THE LARGE UNEXPLORED SPECTRUM ABOVE 40 GHZ. JANUARY QST WILL HAVE MORE INFORMATION AND FEBRUARY QST WILL CARRY A COMPREHENSIVE REPORT OF THE CONFERENCE AND ITS RESULTS.

"RF"

ORANGE COUNTY AMATEUR RADIO CLUB

DEC. 1979

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V.I.P.

No, that wasn't a sonic boom or an earthquake you felt on November 29th!!!! Actually it was the rousing cheers going up from six people involved in the V.I.P. program when they were informed they had passed the code portion of their Novice exam with "flying colors".

The lucky and excited ones from the R.H. Dana School were Maxine Nardulli (teacher) and Connie Ginger. Not to be outdone the Crown Valley School came up with Judith Ann Armer (teacher), Steven Wood, William Wood Jr., and William Stanley. From the way all of the others are progressing it looks like the QRM in that area of the county is going to become so bad they are going to have to post operating schedules on a convenient lamppost assigning operating times and frequencies by shortly after the first of the year.

On the serious side now, here is some news I'm sure every one will be glad to hear. The La Cresenta Rotary Club has purchased and donated three Ringo Ranger antennas to the V.I.P. program. hopefully other Rotary Clubs in the area will follow the big step forward the La Cresenta group has taken. It appears they are very interested as we have received invitations to come and speak to them on what it's all about.

While things appear to be "coming up roses" we would still like to put out an appeal for more volunteers. This program has been so effective in the schools where it's in operation, we would like to extend it to many, many more schools in the area. Once you get involved with the "kids" you'll find there is no truth in the old saying "you only get out of something what you put into it". Believe me, you'll get back ten fold what you put in by opening up new worlds to them they never would have had the chance to explore otherwise.

All anyone has to do who is interested is to pick up the phone and call Monty, WD6AUS, Vic, WA6RNA, Al, W6IBR or Alfred, WD6DIY and they will be mre than glad to fill you in on the particulars.

Al - W6IBR

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MINUTES - OCARC MEETING  
OCTOBER 19, 1979

1. Roll Call - Officers present were:  
Activities Charman, Treasurer, Editor  
The Treasurer presided over the meeting.
2. No Secretary - No minutes from previous meeting.
3. Gurst Speaker was W6LEN (Jess)  
Talk was on contests - (Sweepstakes in particular)  
He discussed procedures to be used.
4. Visitors introduced: WA1EZK, WA6KAH, WA6SRI, N6CCE,  
WD6FBJ, WD6FMX.
5. Euclid Pizza party announced for December 1st.
6. A motion was made that we use half of Pizza party refund as a door prize. Each member to receive ticket for each attendee he brings. Motion was tabled until the next meeting.
7. Meeting adjourned.

N6AHB - Substitute Secretary

"RF"

ORANGE COUNTY AMATEUR RADIO CLUB

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\*\*\* A HISTORY OF THE ORANGE COUNTY AMATEUR RADIO CLUB \*\*\*

In a series of articles to follow, I will attempt to present our past as given to me by old timers and present members. Much thanks is due to Max, DEY, Shelley, BAM, Ken, HHC, Ted, LJU, Fried, WZO, Sandy, WZN, Ralph, WRJ/RE, Terry, IHZ, and many others who have contacted me by landline with bits and pieces gleaned from old timers.

A list of officers of the club will not be dispersed throughout the history. They will be listed separately in the conclusion.

Please make any corrections, and add any info. that you may remember or gather from other sources. Call Bob Evans, Historian, at 543-9111 at your earliest convenience! And remember, if you keep the next few "RF's" in your permanent records, the OCARC will never again have to wonder about its past history!!!

\*\*\* THE GOOD OLD DAYS \*\*\*

Amateur Radio was budding and beginning to flower in the late '20s in Orange County. The Long Beach Radio Club probably organized around 1932. The first attempt to organize a radio club in Orange County centered around the Moore brothers, Earl, W6IGO, and Harry, W6FUU, who started a radio store business in Santa Ana around 1933. According to Eleanor Walden, an old timer at Montgomery Ward, the firm had just opened its new store in August of 1933, at Fourth and Main in Santa Ana. One of the club's first projects was a display of an amateur radio station in one of the store's new windows. Thus, the OCARC must have been formed in the first half of 1933. Earl Moore was the first elected president. Shelley Trotter, W6BAM, Rod Engel, W6EEK, Harold Smith, W6HAA (who worked in radio repair), W6KQD, Don Randall (worked at Radio Wholesale Stores), and Tommy Jentges, W6ALO (around since 1926), are just a few of the members of the first club.

But our shakey beginning didn't last! The club disbanded around 1935, when Earl Moore moved to LA, leaving Harry to run the business. Harry now has a "7" call, and lives in Arizona (1978).

ARRL records show that OCARC has been affiliated since March 15, 1934.

Then, on January 15, 1936, the club once again reformed with Noral Evans, W6ADT/LYM/ADT (when he died), elected president. In the early 20's, Noral went to Oregon, losing his ADT call. When he returned, he was assigned the LYM call. He later regained his original call.

During these days, 10 meter phone was the Saturday/Sunday band.

The Jan. 15 meeting was held at Noral's home on North Hughes. The second meeting was held in Orange, probably at the American Legion Hall, and the third meeting was in Weber's Bakery on N. Main. Later, the club held regular meetings at the Santa Ana YMCA. At this time, Orange County was part of the Los Angeles Section.

In June, 1937, the OCARC hosted the first "DX ROUNDUP" in Southern California at the YMCA, later adopted as a NATIONAL FEATURE OF HAM ACTIVITIES!!! Noral Evans was president at this time. The fame of the 'Roundup' spread, and its members today, are frequently mentioned in the QST "DX" column.

Since the beginning of national Field Days, we have always had two or more units in operation, and we always give the leaders close competition when we aren't on top!

The club rendered efficient service during the 1936-37 flood, which cut southern Orange County off from the rest of the world! Operating in cooperation with the Naval Reserve, the OCARC PROVIDED THE ONLY MEANS OF COMMUNICATION DURING THE DISASTER! (to be continued)...

"RF"

## ORANGE COUNTY AMATEUR RADIO CLUB

DEC. 1979

## ACTIVITIES

Here it is, another month gone by, and boy what a month. CQ DX CW and SSB have come and gone. ARRL SS, CW and SSB have passed by and it looks as if the contest season is not over with the 160 meter and 10 meter contest coming up in December and the ARRL DX contest in February and March (look in December QST for rules and regulations on that one).

Several people in the club were active during the last month.

## ARRL SS - SSB

<u>CALL</u>	<u>QSO'S</u>	<u>SEC'S</u>	<u>POINTS</u>	<u>POWER</u>
WA6LFF - JIM	355	71	50,410	180 Watts
KB6MT - JERRY	247	66	32,604	180 Watts
W6HHC - KEN	234	57	26,676	180 Watts
WB6FOW - ERNIE	240	52	24,960	180 Watts
N6PE - RICK	123	69	16,974	5 Watts
KA6CEK - JERRY	134	51	13,668	180 Watts
WB6LEN - JESS	137	48	13,152	180 Watts
WB6IHZ - TERRY	85	44	7,480	1000 Watts
WB6AJV - BOB	85	39	6,630	180 Watts
KB6KW - CHUCK	50	29	2,900	180 Watts

## ARRL SS - CW

<u>CALL</u>	<u>QSO'S</u>	<u>SEC'S</u>	<u>POINTS</u>	<u>POWER</u>
W6LEN - JESS	400	67	53,332	180 Watts
N6PE - RICK	305	70	49,700	180 Watts
WA6LFF - JIM	362	65	47,060	180 Watts
K6WS - EARLE	234	63	29,480	180 Watts
WB6AJV - BOB	66	38	5,016	180 Watts
N6BJW - CRES	64	34	4,352	70 Watts

## CQ WW - SSB

<u>CALL</u>	<u>QSO'S</u>	<u>ZONES</u>	<u>COUNTRIES</u>	<u>POWER</u>
WA6LFF - JIM	214	54	108	180 Watts
W6LEN - JESS	190	44	75	180 Watts
N6PE - RICK	64	24	24	5 Watts
WB6FOW - ERNIE	48	10	17	180 Watts

(K6WS-SWL-Reports hearing 10,000 K and W stations  
within a 5 KC spread.)

## CQ WW - CW

<u>CALL</u>	<u>QSO'S</u>	<u>ZONES</u>	<u>COUNTRIES</u>	<u>POWER</u>
W6LEN - JESS	234	38	69	180 Watts
WA6LFF - JIM	161	38	55	180 Watts
N6PE - RICK	77	20	30	1000 Watts

(Rick's effort was on 40 Meters only)

Sure looks good here. The QSO break down by mode, SSB 2206 and 1903 CW QSO's made by club members, not bad eh??

"RF"

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ACTIVITIES (cont'd)

Only 303 QSO's between CW and SSB and a grand total of 3784 QSO'S. All I can say at this point is GREAT WORK!!!! It's a good indication that our club is on the way to becoming an Amateur Radio Operating Club and a bright future is in store for us.

Upon reviewing the scores, it becomes apparent that a KW and a 13 element yagi are not really required for a good score and a lot of fun. N6PE, running five watts on ARRL SS-SSB placed fourth in the club and third in CQ WW. N6PE used a KW, but it was a 40 meter effort only.

There were several club members who entered their first contest and the reaction has been a favorable one. There are small contests every month of the year, just keep checking the contest sections of QST and CQ.

The bands have been very active and there are a lot of new ones coming on, so keep your ears open.

CUL 73 - Jess

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HAM EQUIPMENT CLEAR OUT !!

Please contact Ken, W6HHC, at (714) 541-6249 if you are interested in any of the following equipment.

- Heath H N-31 "cantenna" Dummy Load - \$8
- Heath HM-102 Power/SWR Meter - \$30
- Viking Phone Patch - \$20
- Astatic Model 331 Hand Mike - \$10
- TS-382 D/U (20Hz-200KHz) Audio Oscillator - \$20
- Collins R-392/URR 500KHz-to-32MHz Receiver with P/S - \$35
- Hy-Gain 4-element Tri-Band Beam - \$40
- Tristad 54-ft tower (Requires Guy Wires) - \$200 (with Beam) - \$225
- Hy-Gain (4 OM-10M) Vertical - \$25
- "Squeeze" Key (for Electronic Keyer) - \$20
- RHED LAB Speech Processor for 325-3 - \$25

Heath Color TV for Sale

A Heathkit Model GR-581 (Vacuum Tube Type) with wood cabinet and manuals. Picture tube is 22 inch diagonal (227 sq. in.). Comes complete with built-in "Bug" in video brightness circuitry that has successfully eluded owner. Price \$40. Contact Ken, W6HHC, at 541-6249.

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Arc-5's (remember them), 522's, Old Surplus, CQ's, QST... Parts-junk and what-nots. Design your own antique radio!! 90% of the items are free. Contact Bob Hill, M-F, 8AM - 5PM, Phone 542-9793.

Murphys Law of Meetings

No matter when we start,  
No matter how little we do,  
No matter how fast we are,  
The meeting will always end  
at the same time.

The deadline for the January 1980 issue of the "RF" is January 9. Please forward any ads or articles to Bob Maller, WB6AJV.

via: W6LEN

"RF"

ORANGE COUNTY AMATEUR RADIO CLUB

DEC. 1979

OC MINUTES.

NOVEMBER 16, 1979

ATTENDANCE 43

ALL OFFICERS WERE PRESENT EXCEPT K6LJA AND WA6LFF.

The meeting was opened with a flag salute. Shortly after a few announcements (which are included under committee reports below), the president turned over the meeting to the nominating chairman Lou, KA6BJO, who presented the slate of officers which were composed of WA6FOW for president, W6IBR for vice president, KA6BJO for treasurer, W6LEN for activities, KA6BJP for public relations, W6NGO for TVI, WD6AUS (and WB6IHZ) for M.A.L., KA6DIY for membership; all of the candidates were elected unopposed. However the committee had no candidate for secretary; Bob, AF6C and Vic, N6AHB, were nominated from the floor after which by secret ballot Vic, N6AHB, was declared the winner.

Under announcements and committee reports (not necessarily in the following order) the following occurred. Fried, WA6WZO, made the announcement about the newly formed Southern California Amateur Radio Computer Club. After which Vic, N6AHB, gave an update on new licensing classes. Then Jess, W6LEN, gave an update on the up coming contest weekend and also announced the pizza bust to be held at his QTH. Also Low, KA6BJO, discussed the annual Christmas dinner to be held December 16th. Finally the Audit Committee was appointed.

After the break the Secretary's minutes were accepted as printed in the RF for the last meeting and the treasurer's report disclosed a current balance of \$451.34. Then Frank, WA6VKZ introduced the new members, while Al, W6IBR, introduced the visitors for the evening.

The meeting closed after a vigorous discussion of the distribution of the profit form the convention (in which various members urged everyone to write and call the Hamcon board to divide all the profit among the present member clubs).

Respectfully Submitted

Sandi, WA6WZN, Secretary

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Henry Radio

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ORANGE COUNTY AMATEUR RADIO CLUB

DEC. 1979

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QST DE W1AW

HR PROPAGATION FORECAST BULLETIN NR 263  
FROM ARRL HEADQUARTERS NEWINGTON CT  
DECEMBER 3, 1979

TO ALL RADIO AMATEURS

THE SOLAR FLUX ROSE TO 383 ON NOVEMBER 10, ITS HIGHEST VALUE IN 22 YEARS. IT THEN DROPPED TO 154 IN SEVENTEEN DAYS, THE GREATEST CHANGE IN A SINGLE MONTH ON RECORD. THESE EXTREMES BROUGHT ONLY MINOR PROPAGATION CHANGES IN THE FORM OF SHORTER OPENINGS ON 21, 28 AND 50 MHZ. EVEN THE 50 MHZ BAND WAS OPEN BRIEFLY ON THE POOREST DAY, NOVEMBER 28. BY DECEMBER 3 THERE HAD BEEN 48 CONSECUTIVE DAYS OF 50 MHZ DX.

AREAS OF THE SUN RESPONSIBLE FOR THE GREAT NOVEMBER SURGE WERE COMING AROUND TOWARD US AGAIN AS THIS BULLETIN WAS ISSUED. THE SOLAR FLUX IS AGAIN IN A STEEP RISE. IT IS UNLIKELY TO EQUAL THE NOVEMBER RECORD BUT 50 MHZ AND LOWER BANDS ARE STAYING OPEN LONGER AGAIN. GENERALLY GOOD CONDITIONS IN EVIDENCE ON ALL BANDS DECEMBER 2, ARE EXPECTED TO END WITH INCREASED GEOMAGNETIC ACTIVITY DECEMBER 5 THROUGH 9. AFTER A BRIEF IMPROVEMENT AROUND DECEMBER 9, HIGH LATITUDE CONDITIONS WILL BE POORER AGAIN AROUND THE 11TH. THE SOLAR FLUX WILL BE LOWER BEFORE THEN, BUT GENERALLY GOOD PROPAGATION WILL PREVAIL DECEMBER 13 THROUGH 20.

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